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HEAVY INDUSTRY COMPLETES TWO-YEAR PLAN; NEW AUTOMATIC MACRINE INVENTED

MACHINE REPLACES 60 WORKERS -- Rude Pravo, No 274, 24 Nov 48

The prototype of a new machine, called the "trafomat," was finished 20 November in the apprentice shop of the Tesla I factory in Hloubetin.

The construction of the traffmet was planned by Vaclav Treschlavy of the rationalisation section of the management of the Tesla enterprise. Its name is coined from the two words "transformer" and "automat" because the machine automatically fills transformer cores. As far as is known, there is no similar machine anywhere in the world. Up to now, cores have beer filled minually everywhere. A skilled worker can fill one core in 10-15 minutes; the traftmet does it in 10 seconds. One machine replaces 50 workers and processes 45 metric centagers of iron daily. In manual filling there is frequent danger of outting one's hand on sheet metal. The worker operating the trafomat does not have to touch the sheet metal, but merely feeds empty cores into the machine.

The trafomat may be used for any factories which have electricity, weakcurrent and strong-current. If it is introduced into all our factories where it can replace human labor, it will result in a saving of about 5 million crowns annually.

Treschlavy began work on this machine in 1945. The apprentices who produced the trafomat's individual parts and finally assembled it were not experienced workers.

SEODA NOVEMBER TWO-YEAR PLAN RESULTS -- Rude Pravo, No 286, 8 Dec 48

The Skora Plants state enterprise in Pilsen fulfilled their two-year plan in November 82 follows: tractors 100 percent; locomotives 100 percent; electric motors 121 percent; machine tools, Pilsen, 95 percent; machine tools, Smichov, 111 percent; electric power, 116 percent; unfinished steel, Pilsen, 102 percent; stoel castings 113 percent; gray cast iron, Pilsen, 101 percent; gray cast iron, Smichov, 101 percent; gray cast iron, Bradec Bralove, 95 percent; gray cast iron, Rokycany, 99 percent; and lime, Zdice, 127 percent.

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TWO-YEAR PLAN IN LOCOMOTIVES -- Rude Prayo, No 284, 5 Dec 48

The locomotive works of the Skoda Plants state enterprise completed their two-year plan on 30 November. The Skoda workers produced a total of 251 locomotives in the two-year plan, ten of which were electric (four were freight locomotives for the Czechoslovak State Railways and six were for coal mines). The others were steam-operated locomotives. Among the steam locomotives is the most remarkable 498 series of express locomotives, as well as the 475.0 series of fast freight locomotives. Locomotives destined for export are now in production.

COMPLETES TWO-YEAR PLAN FOR LATHES -- Rude Pravo, No 275, 25 Nov 48

On President Gottwald's birthday, the automatic machines department of the Skoda Plants state enterprise in Pilsen completed its two-year plan for production of automatic lathes.

METAL INDUSTRY FULFILLS TWO-YEAR PLAN -- Rude Prave, No 283, 4 Dec 48

According to an announcement of the Czechoslovak Foundries state enterprise, the two-year plan in the production of unfinished steel was fulfilled 102.8 percent in November. The Vitkovice ironworks fulfilled its plan 111.7 percent. The Spojene Ocelarny (United Steel Mills) achieved only 99.3 percent, and Mining and Forging, 95.3 percent.

The November plan in the production of pig iron was fulfilled only 89.2 percent. The Vitkovice ironworks attained 88.2 percent because they are repairing a blast furnace which they want to insert into the five-year plan completely and immediately. The United Steel Mills fulfilled their plan 104.2 percent, and Mining and Forging 81.8 percent. In Mining and Forging at Trinec the trans railroad to the fourth furnace is being repaired, and the new fifth furnace is not yet producing fully.

The Movember plan in rolled distribution goods was fulfilled only 99.7 percent. The Vitkovice ironworks fulfilled their plan 100.7 percent; Mining and Forging, 112.1 percent; and the United Steel Mills, only 65.9 percent.

FOUNDRY PLANTS INCREASE OUTFUT -- Rude Pravo, No 272, 21 Nov 48

Foundry and metalworking plants are maintaining an increased tempo for the entire week. The Vitkovice ironworks filled their plan in the production of unfinished steel, second only to the sheet-metal rolling mill in Liskovec. The sheet-metal rolling mill in Liskovec produced 97% tons of fine sheet metal on Tuesday, which represents the highest daily production in the entire history of the foundry since 1833.

TWO-YEAR STEEL PRODUCTION FLAN COMPLETED -- Rude Pravo, No 273, 23 Nov 48

The two-year plan for the production of unfinished steel was completed on 22 Hovember.

The operational plan of the Spojene Ocelarny in the production of unfinished steel was fulfilled 118.4 percent on 21 November during the Week of Examplary Labor; in the Vitkovice ironworks, 141.3 percent; and in the entire Czechoslowak Foundries, 104.6 percent.

NEW PAPER MACHINE -- Prace, No 1, 1 Jan 49

A new paper machine will be put into operation on 2 January in the plant

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of the Western Czech Paper Mills in Vrany nad Vltavou; in type and capacity, this machine is the only one of its kind in Czechoslovakia. It is a special machine for the production of fine papers, primarily digarette papers, as well as technical and aircraft papers. The 210-centimeter gauge machine is notable for the fact that each rolling component has its own power, and that the entire machine is controlled at a distance merely by the pressing of buttons.

RESULTS IN FOUNDRY INDUSTRY -- Rude Pravo, No 287, 9 Dec 48

The Czechoslovak Foundries are working very intensively in the last month of the two-year plan, and they fulfilled the daily assignments of the two-year plan in the first 6 days of December as follows (in percent):

State Enterprise	Pig Iron	Unfinished Steel
Vitkovice Ironworks	86.3	109.6
Mining and Forging	78.2	88.8
Spojene Coelarny	113.7	111.2
Average	88.4	103.1

FOUNDRY COMPLETES TWO-YEAR PLAN -- Rude Pravo, No 278, 28 Nov 48

The gray cast-iron foundry of the CKD-Vysocany state enterprise fulfilled its two-year plan on 27 November, thereby surpassing its supplementary plan by 3 days. The employees have achieved an output 30 percent greater than the previous highest output in 1937.

FOUNDRY FULFILLS TWO-YEAR PLAN -- Rude Prayo, No 288, 10 Dec 48

The gray and wrought cast-iron foundry of the Knotek plant in Jioin fulfilled its two-year plan on 30 November with the production of 4,216,214 castings from gray cast iron and 916,074 castings from wrought cast iron.

TWO-YEAR PLAN FULFILIMENTS -- Rude Pravo, No 288, 10 Dec 48

The Havel forge in Brasy fulfilled its two-year plan 104 percent on 2 December.

The Central Slovak ironworks state enterprise in Kostelec and 0. possibly "Orlici", and the Tesla state enterprise factory in Vrchlabi, have also fulfilled their two-year plan.

KIADHO MILLS FULFILL TWO-YEAR PLAN -- Rude Pravo, No 296, 19 Dec 48

The steel mills of the Poldina Foundry in Kladno have fulfilled their two-year plan. They intend to achieve 102,2 percent of the plan by the end of this year.

ELECTRICAL FLANTS FULFILL TWO-YEAR PLAN -- Rude Pravo, No 288, 10 Dec 48

The plants of the Moravian Electrotechnical Plants, state enterprise, in Medvedice fulfilled their two-year plan 4 December. The Medvedice plants produce 0.5-25-kilowatt electric motors.

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SIGNAL FACTORY CONFLETES TWO-YEAR PLAN -- Rude Prayo, No 304, 30 Dec 48

The Elektrosignal Factory in Holesovice has announced the completion of its two-year plan on 23 December. The plan was fulfilled 101.7 percent.

TESIA II COMPLETES TWO-YEAR PLAN -- Rude Pravo, No 284, 5 Dec 48

The Tesla II state enterprise in Kolin fulfilled its two-year plan 70 percent in October. By increasing their output, the employees succeeded in completing their two-year plan on 4 December.

BRICKYARD FULFILLS TWO-YEAR PLAN -- Rude Pravo, No 289, 11 Dec 48

The Kreysa Brickyard in Stankov has recently fulfilled its two-year plan. Despite numerous difficulties, the employees succeeded in fulfilling their assignment in brick production by 105 percent, and in the tile production by 150 percent. The brickyard will remain in operation during the wintermonths to fulfill the increased requirements of the first year of the five-year plan.

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